Packaging

| | | | | | | | | | DQA: | Date: | | | |
|----------------|-----------|------------|----------|---------------------------------------|----------------------------|----------|----------------------------|---------------------------------------|--------------|---------------|--------------------|--|--|
| NCR: Y | es / No | | | | WORK ORDER NON-O | ONFO | RMANCE / U | PDATE | | • | - | | |
| | - | | | | | _ | _ | | QA Closed: | Date: | | | |
| NA Combo Combo | | - | | | DISPOSITION | | AGAINST DEPARTMENT/PROCESS | | | | | | |
| Work Orde | er: | | | | Rework | | Skid-tube Crosstube | | | Water Jet | Engineering | | |
| Part N | lo. | | | | Scrap | | Machining | Small Fab | Pro | d. Eng. Coor. | Quality | | |
| | | | | · · · · · · · · · · · · · · · · · · · | Use-as-is | The | rmoforming | Finishing | Rec/Sto | re/Packaging | Other | | |
| NCR N | 10 | | | | Work Order Update | | Large Fab | Composite |] | Supplier | | | |
| | | | | | | | | | T a: 0 | т | T | | |
| Root | | | | | ption of work order update | Initial | | Action | Sign & | ., .,. | 061 | | |
| Cause | Date | Step | Qty | | or Non-conformance | Chief En | g De | scription | Date | Verification | QC Inspector | | |
| Doc/Data | | | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | | | |
| Operator | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | |
| Setup | | | | | | İ | | | | | | | |
| Other | | i | | | | | | | | | | | |
| Process | | | | | | | | | | | | | |
| Supplier | | 1 | | | | | | | | | 1 | | |
| Training | | | | | |] | | | | | | | |
| Unapproved | | | | | | | | | | | | | |
| - | | | | | F/ | AULT CAT | EGORY | · · · · · · · · · · · · · · · · · · · | | | | | |
| Landir | ng Gear | | | | General | | | | _ | | , | | |
| | Bending | | | <u> </u> | Bend | Grair | 1 | | Ovalized | | Pressure/Forced | | |
| | Centre No | ot Concer | ntric to | o/s | BOM/Route | Hardv | vare | | Over/Under | tolerance | Temperature/Cure | | |
| [| Cracks | | | | Broken/Damaged | Inspe | ction Incomplete | | Part Incorre | ct | Weld | | |
| | Crushed/ | Crimped. | | | Burrs | Instru | ctions Incomplet | e/Unclear | Part Lost/M | issing | Wrong Stock Pulled | | |
| [| Cuffs | | | | Contamination | Main | tenance | | Part Moved | | - | | |
| Ī | Heat Trea | it | | | Countersink | Misla | beled | | Positioned \ | Wrong | | | |
| | Inspectio | n Strip in | Tube | | Cut Too Short | Misre | ad | | Power Loss/ | Surge | Other | | |

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

| Work Ordo | | 8295 | | *882 | 95* | | | | | | Page 2 |
|---|--------------------|------------------------------------|--------------------|----------------------|--------------------------|------------|--------------|---------------|-----------------|------------------|----------------|
| Item ID: Revision ID: Item Name: | D2221-5 | | | Accept | *N900 | 040 | 100 |)* s | etup Stai | I VI | S1* S2* |
| Start Date: Required Date: Reference: | 8/07/12 8/07/12 | Start Qty: 2.00 Req'd Qty: 2.00 | *2* *2* | | Cust Item I Customer: | D : | | | | | |
| Approvals: | Process P | lan: | Date: | | | ate: | | R | tun Stai Sto | " I V I | R1* R2* |
| Sequence ID/ Work Center II | D | Operation Description | | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
| *130 *130* | | QC21- Final Inspection - | Work Order Release | 0.00 | | | | M(| ,5 (1- | -05-08 | ` ` |

Quality Control

1305-8

| NCR: Y | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | |
|---|---------------------------------------|---|---------------------------------------|------|--|---|---------------------|--|---|---|----|--|-----------------------|-----|--|
| | | | | | | | | | | | | QA Closed: | Da | te: | |
| NAV multi Ourd a | | | | | | DISPOSITION | | | | AGAINST | DE | PARTMENT | PROCESS | | · |
| Work Order: Part No. NCR No. | | | | | Rework Skid-tube Machining Use-as-is Work Order Update Large Fab | | Machining noforming | | | Water Jet d. Eng. Coor. re/Packaging Supplier | | Engineering Quality Other | | | |
| Root | | | , | | | ption of work order update | 1 | Initial | | tion | | Sign & | | | |
| Cause | | Date | Step | Qty | , | or Non-conformance | Cr | ief Eng | Desc | ription | | Date | Verificatio | n | QC Inspector |
| Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved | | | | | | | | T CATE | CORV | | | · | | | |
| Landir | | | | | · | F General | AUI | .I CATE | GURY | | | | | | |
| Landi | | ear Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspection Ripples in | Crimped at n Strip in ı Bend | Tube | | Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing | | Instruct Mainte Mislabe Misread Offset | on Incomplete ions Incomplete/ nance led | Unclear | | Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/ | ct issing Vrong | | Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other |

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

August-01-12 2:48:47 PM

Work Order ID:

88295

Parent Item:

D2221-5

Parent Item Name:

Rib

Start Date: 8/07/12

Required Date: 8/07/12

Page 1

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A New Issue 08-12-02 DD verified by:EC DD verified by:EC

IPP Rev:B 11.01.13 chg qc5 to 6

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Primary Item Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|------------------------------|---------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M304TS0.750W.065 | | Purchased | . No | | 100 | f | 2,095.6831 | 1.5708 | 3.3069474 | 11 | 12 ~ | - 62 |
| 304 SQ Tube .75x.75x.065 | SW . | • | 100 | | | | | | | .CC. | 15-5 | -8 |

| Loc Oty | O Loc Code | |
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| | | | DQA: | Date: | |
|------|----------|-------------------------------------|-------------|-------|---|
| ICR: | Yes / No | WORK ORDER NON-CONFORMANCE / UPDATE | | | - |
| | | | QA Closed: | Date: | |
| | | | | | |

| | QA Ciosed. Date. | | | | | | | | | | |
|---------------------------|--|---------------------------------------|------------|--------|-----------------------------|--------------|--|------------|---|--------------|---------------------------|
| Work Orde | r: | | | | DISPOSITION | | | AGAINST DE | PARTMENT | /PROCESS | |
| Part No. | | | | | | | Skid-tube Crosstube Machining Small Fab rmoforming Finishing | | Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier | | Engineering Quality Other |
| NCR N | 0 | - | | | Work Order Update | []] | Large Fab | Composite | | 2uhhiiei [| |
| Root | Root Desc | | | Descri | iption of work order update | Initial | Act | tion | Sign & | | |
| Cause | Date | Step | Qty | | or Non-conformance | Chief En | g Desc | ription | Date | Verification | QC Inspector |
| Doc/Data Equip/Tooling | _ | | | | | | | | | | |
| Operator Material | - | | | | | | | | | | |
| Setup | _ | | | | | | | | | | |
| Other | - | | | • | | ļ | | | | | |
| Process Supplier | | | | | • | | | | | | |
| Training | - | | | | • | | | | | | |
| Unapproved | = | | | | | | | | | | |
| | | 1 | | | F | AULT CAT | EGORY | | 1_ , | • | |
| Landir | ng Gear | · · · · · · · · · · · · · · · · · · · | | | General | · | | | | | |
| [| Bending | | | | Bend | Grain | l | | Ovalized | | Pressure/Forced |
| • 1 | Centre No | ot Concer | ntric to (| o/s | BOM/Route | Hard | vare | | Over/Under | tolerance | Temperature/Cure |
| [| Cracks | | | | Broken/Damaged | Inspe | ction Incomplete | | Part Incorre | ct | Weld |
| | Crushed/ | Crimped. | | | Burrs | Instru | ctions Incomplete/ | Unclear | Part Lost/M | issing | Wrong Stock Pulled |
| [| Cuffs | | | | Contamination | Main | tenance | | Part Moved | | |
| | Heat Trea | Heat Treat Countersink | | Misla | beled | | Positioned V | Wrong | - | | |
| | Inspection Strip in Tube Cut Too Short | | Misre | ad | | Power Loss/ | Surge | Other | | | |
| | Ripples in | Bend | | | Drill Holes | Offse | t | | | | |
| [| Torque W | /aves in E | xtrusion | n [| Drawing | Out o | f Calibration | | | | |
| | Turning S | equence | | | Finish | Out o | f Sequence | | | | |
| Wave/Twist in Tube Folio | | | Folio | Outsi | de Dimensions | | | | | | |

D2221 BASKET BASE ASSEMBLY (AS350) (MESH SHOWN LOCALLY FOR CLARITY)

| A | ITEM | QTY | P/N | DESCRIPTION | |
|-------------|------|-----------|-----------|------------------------------|---|
| | 1 X | | D2221 | BASKET BASE ASSEMBLY (AS350) | |
| | 2 | _ <u></u> | D2221-1 | RIB . | |
| | 3 | 2 | D2221-5 | RIB | |
| ĺ | 4 | 1 | D2221-7 | RIB | |
| | 5 | 2 | D2232-3 | BASKET HINGE | |
| | 6 | 2 | D2235-1 | RIB | |
| | 7 | 2 | D2581 | MOUNTING BRACKET | - |
| | 8 | 2 | D3442-1 | SHIM | |
| | 9 | 2 | D3825-041 | RIB ASSY (BASKET END) | |
| [| 10 | 2 | D3826-041 | RIB/GUSSET ASSY | |
| [| 11 | 1 | D3827-041 | RIB ASSY (INBOARD) | |
| Į | 12 | 2 | D3833-1 | MESH, BASE END FACE | |
| į | 13 | 1 | D3832-1 | MESH (BASE) | |

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| | | | | _ | i | | | |
|------------|--|--|--------------------------------|----------|--------------|--|--|--|
| н | PARTS C-C (ZN 4); ADD (ZN B2- (SHEET ZN B4-3 041 REI D2221- | REVISED PARTS LIST AND ADDED "ITEM" COLUMN TO PARTS LIST (ND 9-1); REVISED SECTIONS A-A, B-B AND C-C; (ZN C6-3, C2-3 AND A6-3); REVISED DETAIL D (ZN B7-4); ADDED DETAIL E (ZN A64; ADDED SECTION F-F CAME Z-4); ADDED DETAIL E (ZN A64; ADDED SECTION F-F CAME Z-4); ADDED DETAIL S FOR DZZ21-1-4/5-7 MB 08:09.18 | | | | | | |
| G | TOLERA WAS RE NOW "F TO SHT | MATERIAL FOR 1, -3, -5 & -7 WAS 0,060 WALL; TOLERANCE FOR 96.00 IN WAS +/-0.01 AND 56.00 DIM WAS REF (ZN 85-2); 19 62 DIM WAS "HARD" DIMENSION IS WOW "REF" (ZN 84-2); NOTE 5 TRANSFERED FROM SHT 1 TO SHT 2; SHT 2 MESH MATERIAL UPDATED; DRAWING TRANSFERED TO "B" FORMAT | | | | | | |
| F | ADD SH BASKET | IM UNDER HING | PH | 05.06.07 | | | | |
| Ε | CHANG | E HINGE | | CP | 01.04.19 | | | |
| D | CHANG | E LATCH | | BW | 96.06.21 | | | |
| С | SEPARA | ATE BASKET AN | ID LID | KH | 95.11.21 | | | |
| REV. | | | DESCRIPTION | BY | DATE | | | |
| DESIGN | 1 | BW | DART AEROSPA | CEL | TD | | | |
| DRAWN | 1 | | HAWKESBURY, ONTARK | | | | | |
| CHECKED | | Ness | DRAWING NO. | | REV. H | | | |
| MFG. APPR. | | | D2221 | | SHEET 1 OF 5 | | | |
| APPROVED W | | W | TITLE SCALE | | | | | |
| DE APPR. | | | BASKET BASE ASSEMBLY (350) NTS | | | | | |
| | | | | | | | | |

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
8) WEIGHT: 42.00 Ibs APPROX
9) MASK ALL HOLES PRIOR TO POWDER COATING

08.09.18

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